PATENT
450100-3584.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s)	:	Makoto Kawamura et al.
Serial No.	:	Continuation of 08/692,918
For	:	INFORMATION CARRIER, DEVICE FOR READING AND DEVICE FOR PROVIDING THE INFORMATION CARRIER AND METHOD OF TRANSMITTING PICTURE INFORMATION
Filed	:	Herewith
Examiner	:	
Art Unit	:	

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PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Prior to examination of the above-referenced continuation application, please amend the application as follows.

IN THE SPECIFICATION

On page 2, after line 3, please insert the following:

-- **CROSS-REFERENCE TO RELATED APPLICATION**

This application is a continuation of co-pending U.S. patent application no. 08/692,918, which was filed on July 31, 1996, and which is hereby incorporated by reference.--

IN THE CLAIMS

Please cancel claims 1-93.

Please add new claims 94-134 as follows:

--94(new). A signal recorded on a recording medium, said signal comprising:

video information representative of a coded video program; and

control information for displaying a plurality of versions of said video program, said control information including, for each of said versions, address information indicative of the locations of portions of said video information that are sequentially accessed to generate said version;

wherein said video information and said control information are in the form of packets, and a control information packet is multiplexed with video information packets so that said control information packet is positioned at an entry point of said video information.

95(new). The signal according to claim 94, wherein said video information includes intra-coded pictures and inter-coded pictures.

96(new). The signal according to claim 94, wherein said address information is indicative of entry points for at least one of said versions.

97(new). The signal according to claim 94, wherein said control information includes a start address and an end address for at least one of said versions.

98(new). The signal according to claim 94, wherein said control information includes playtime information for at least one of said versions.

99(new). The signal according to claim 94, wherein at least one of said versions is generated according to a rating level.

100(new). A recording method, comprising the steps of:

multiplexing video information and control information to generate multiplexed information, said video information being representative of a coded video program, and said control information being operable to display a plurality of versions of said video program and including, for each of said versions, address information indicative of the locations of portions of said video information that are sequentially accessed to generate said version; and

recording said multiplexed information onto a recording medium;

wherein said video information and said control information are in the form of packets, and a control information packet is multiplexed with video information packets so that said control information packet is positioned at an entry point of said video information.

101(new). The method according to claim 100, wherein said video information includes intra-coded pictures and inter-coded pictures.

102(new). The method according to claim 100, wherein said address information is indicative of entry points for at least one of said versions.

103(new). The method according to claim 100, wherein said control information includes a start address and an end address for at least one of said versions.

104(new). The method according to claim 100, wherein said control information includes playtime information for at least one of said versions.

105(new). The method according to claim 100, wherein at least one of said versions is generated according to a rating level.

106(new). A recording apparatus, comprising:

a multiplexer for multiplexing video information and control information to generate multiplexed information, said video information being representative of a coded video program, and said control information being operable to display a plurality of versions of said video program and including, for each of said versions, address information indicative of the locations of portions of said video information that are sequentially accessed to generate said version; and

a recorder for recording said multiplexed information onto a recording medium;

wherein said video information and said control information are in the form of packets, and a control information packet is multiplexed with video information packets so that said control information packet is positioned at an entry point of said video information.

107(new). The apparatus according to claim 106, wherein said video information includes intra-coded pictures and inter-coded pictures.

108(new). The apparatus according to claim 106, wherein said address information is indicative of entry points for at least one of said versions.

109(new). The apparatus according to claim 106, wherein said control information includes a start address and an end address for at least one of said versions.

110(new). The apparatus according to claim 106, wherein said control information includes playtime information for at least one of said versions.

111(new). The apparatus according to claim 106, wherein at least one of said versions is generated according to a rating level.

112(new). A reproduction method, comprising the steps of:

reproducing multiplexed information from a recording medium, said multiplexed information including video information and control information, said video information being representative of a coded video program, and said control information being operable to display a plurality of versions of said video program and including, for each of said versions, address information indicative of the locations of portions of said video information that are sequentially accessed to generate said version; and

demultiplexing said multiplexed information;

wherein said video information and said control information are in the form of packets, and a control information packet has been multiplexed with video information packets so that said control information packet is positioned at an entry point of said video information.

113(new). The method according to claim 112, wherein said video information includes intra-coded pictures and inter-coded pictures.

114(new). The method according to claim 112, wherein said address information is indicative of entry points for at least one of said versions.

115(new). The method according to claim 112, wherein said control information includes a start address and an end address for at least one of said versions.

116(new). The method according to claim 112, wherein said control information includes playtime information for at least one of said versions.

117(new). The method according to claim 112, wherein at least one of said versions is generated according to a rating level.

118(new). A reproduction apparatus, comprising:

a reproducer for reproducing multiplexed information from a recording medium, said multiplexed information including video information and control information, said video information being representative of a coded video program, and said control information being

operable to display a plurality of versions of said video program and including, for each of said versions, address information indicative of the locations of portions of said video information that are sequentially accessed to generate said version; and

a demultiplexer for demultiplexing said multiplexed information;

wherein said video information and said control information are in the form of packets, and a control information packet has been multiplexed with video information packets so that said control information packet is positioned at an entry point of said video information.

119(new). The apparatus according to claim 118, wherein said video information includes intra-coded pictures and inter-coded pictures.

120(new). The apparatus according to claim 118, wherein said address information is indicative of entry points for at least one of said versions.

121(new). The apparatus according to claim 118, wherein said control information includes a start address and an end address for at least one of said versions.

122(new). The apparatus according to claim 118, wherein said control information includes playtime information for at least one of said versions.

123(new). The apparatus according to claim 118, wherein at least one of said versions is generated according to a rating level.

124(new). A recording medium on which is recorded a computer program for recording a signal on a recording medium by:

multiplexing video information and control information to generate multiplexed information, said video information being representative of a coded video program, and said control information being operable to display a plurality of versions of said video program and including, for each of said versions, address information indicative of the locations of portions of said video information that are sequentially accessed to generate said version; and

recording said multiplexed information onto the recording medium;

wherein said video information and said control information are in the form of packets, and a control information packet is multiplexed with video information packets so that said control information packet is positioned at an entry point of said video information.

125(new). The method according to claim 124, wherein said video information includes intra-coded pictures and inter-coded pictures.

126(new). The method according to claim 124, wherein said address information is indicative of entry points for at least one of said versions.

127(new). The method according to claim 124, wherein said control information includes a start address and an end address for at least one of said versions.

128(new). The method according to claim 124, wherein said control information includes playtime information for at least one of said versions.

129(new). A recording medium on which is recorded a computer program for reproducing a signal from a recording medium by:

reproducing multiplexed information from the recording medium, said multiplexed information including video information and control information, said video information being representative of a coded video program, and said control information being operable to display a plurality of versions of said video program and including, for each of said versions, address information indicative of the locations of portions of said video information that are sequentially accessed to generate said version; and

demultiplexing said multiplexed information;

wherein said video information and said control information are in the form of packets, and a control information packet has been multiplexed with video information packets so that said control information packet is positioned at an entry point of said video information.

130(new). The method according to claim 129, wherein said video information includes intra-coded pictures and inter-coded pictures.

131(new). The method according to claim 129, wherein said address information is indicative of entry points for at least one of said versions.

132(new). The method according to claim 129, wherein said control information includes a start address and an end address for at least one of said versions.

133(new). The method according to claim 129, wherein said control information includes playtime information for at least one of said versions.

134(new). The method according to claim 129, wherein at least one of said versions is generated according to a rating level.--

REMARKS

This Amendment is submitted prior to examination of the above-identified continuation application. Claims 1-93 were pending in the parent application. In this Amendment, claims 1-93 have been canceled, and new claims 94-134 have been added. Claims 94-134 thus remain for consideration.

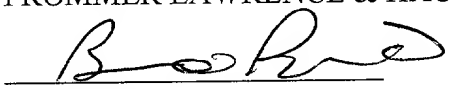
Early and favorable consideration by the Examiner is respectfully requested.

The Examiner is hereby authorized to charge any insufficient fees or credit any overpayment associated with the above-identified application to Deposit Account No. 50-0320.

The Examiner's consideration of this matter is gratefully acknowledged.

Respectfully submitted,

FROMMER LAWRENCE & HAUG LLP

By: 

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